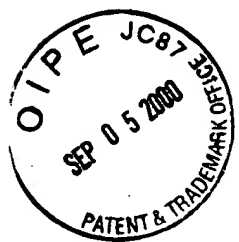


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: Barbara A. Gilchrest, Mina Yaar and Mark Eller

Serial No.: 09/540,843

Group Art Unit: 1635

Filed: March 31, 2000

Examiner: Unassigned

For: USE OF LOCALLY APPLIED DNA FRAGMENTS

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
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Typed or printed name of person signing certificate	

TRANSMITTAL OF SEQUENCE LISTING AND
PRELIMINARY AMENDMENT

Box Sequence
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Although a Notice to Comply with Sequence Rules 37 C.F.R. §§1.821-1.825 has not been received in our offices, transmitted herewith is a copy of the "Sequence Listing" (sheets 1/3 through 3/3) in paper form for the above-identified patent application as required by 37 C.F.R. §1.821(c) and a copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. §1.821(e). As required by 37 C.F.R. §1.821(f), Applicant's Attorney hereby states that the content of the "Sequence Listing" in paper form and the computer readable form of the "Sequence Listing" are the same and, as required by 37 C.F.R. §1.821(g), also states that the submission includes no new matter.

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02 FC:103

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page 13, lines 22-26, page 17, lines 24-28, page 18, lines 15-20, and in Examples 7 and 8 on page 25, line 6 to page 28, line 27. Support for Claims 87 and 90-92 can be found on page 10, line 23 to page 11, line 1, for example. Support for Claim 88 is on page 7, line 26 to page 8, line 1, page 18, lines 15-20, and in Example 1, page 20, line 10 to page 22, line 9. Support for Claim 89 can be found as for Claim 88, and further on page 15, lines 15-17 and page 22, lines 18-25.

The written description has been amended to correct an inadvertent error on page 37. It can be seen from Figure 15 that the DNA fragments identified in the Figure as pTpT, p9mer, p7mer and p5mer #2 were tested in an experiment described on page 37, lines 4-13. The SEQ ID NOs of these fragments are, respectively, pTpT: no SEQ ID NO, p9mer: SEQ ID NO:1, p7mer: SEQ ID NO:7 (the only p7mer described herein), and p5mer #2: SEQ ID NO:4. (p5mer #1, referred to in Figure 14, is identified on page 36, line 27 to page 37, line 3 as SEQ ID NO:6.) Thus, the SEQ ID NOs should be listed on page 37, line 5 as 1, 7 and 4. No new matter is added by this amendment.

Respectfully submitted,

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Date: August 31, 2000